

FIG. 1

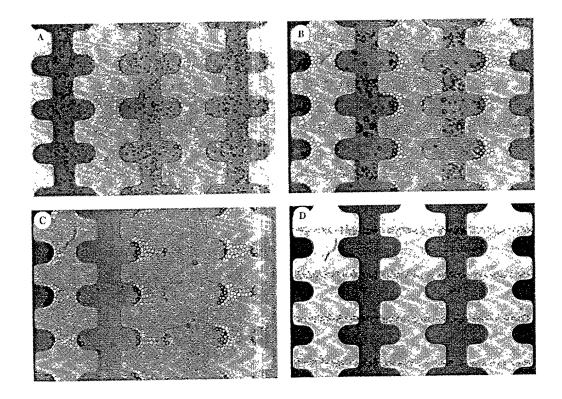


FIG. 2

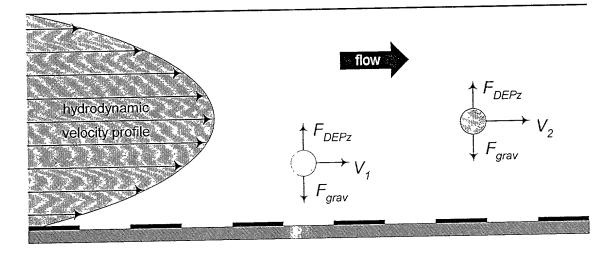


FIG. 3

Experiment	Call Types	Ratio	Purity	Separation
Parameters	Cell Types	(before)	(after)	Time (min)
15-40 kHz, 5 min;	MDA435	2:3	99%	12
5 kHz, 7 min	CD34+ Cells	2.5	99.2%	12
5 kHz, 30 min	MDA435	1:1	99.9%	30
	Erythrocytes		99.9%	
15-35 kHz, 5 min;	MDA435	2.2	98%	12
5 kHz, 7 min)	T-lymphocytes	2:3	92%	12
20-50 kHz, 10 min;	Monocytes	1.1	98%	16
5 kHz, 6 min	T-lymphocytes	1:1	92%	10
20-40 kHz, 10 min;	Monocytes	1:1	94%	16
5 kHz, 6 min	B-lymphocytes	1.1	92%	10
40-50 kHz, 8 min;	Granulocytes	1:1	94%	13
5 kHz, 5 min	T-lymphocytes	1.1	87%	10
30-35 kHz, 8 min;	Monocytes	1:1	97%	13
5 kHz, 5 min	Granulocytes	1.1	91%	15
40-55 kHz, 5 min;	T-lymphocytes		96%	
25-35 kHz, 5 min;	Granulocytes	8:8:1	91%	14
5 kHz, 5 min	Monocytes		58%	
10 kHz, 25 min	Leukocytes	1:700	5%	25
	Erythrocytes	1.700	99.99%	

Separation Summary

FIG. 4

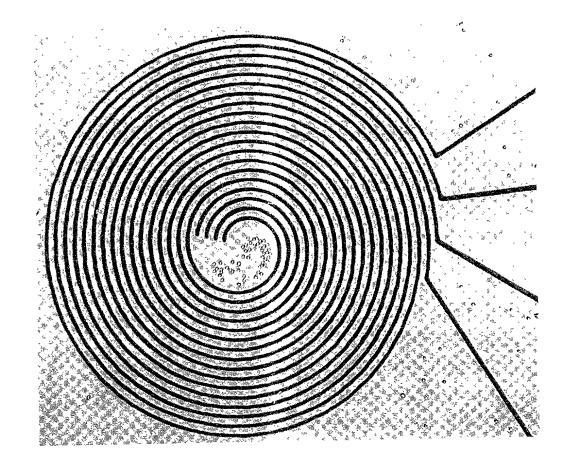


FIG. 5

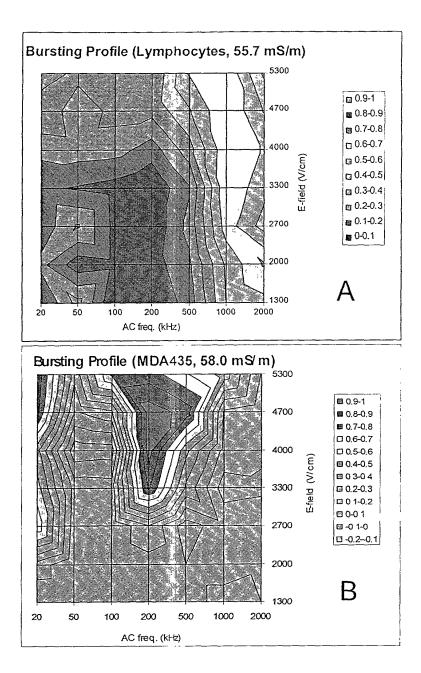


FIG. 6

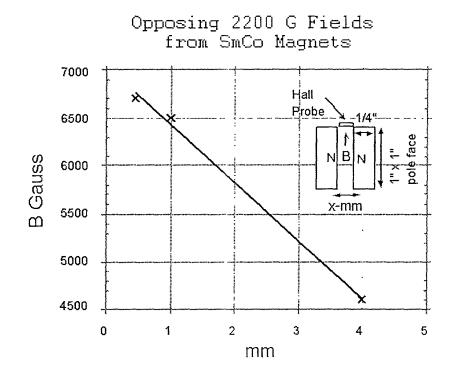


FIG. 7

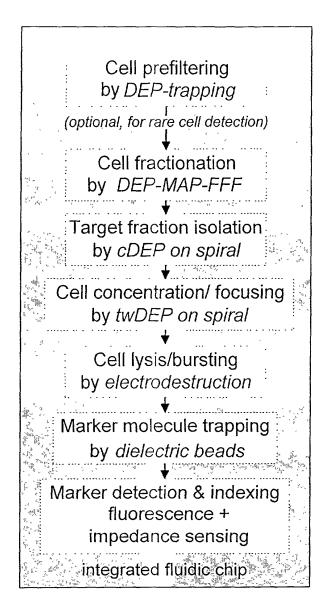


FIG. 8

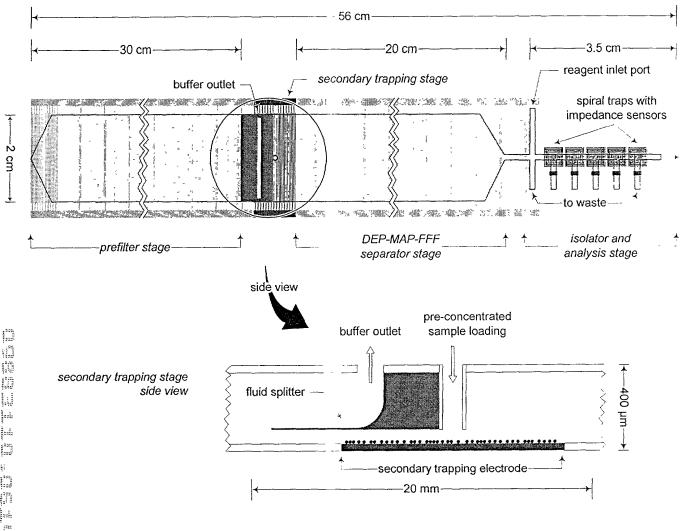


FIG. 9

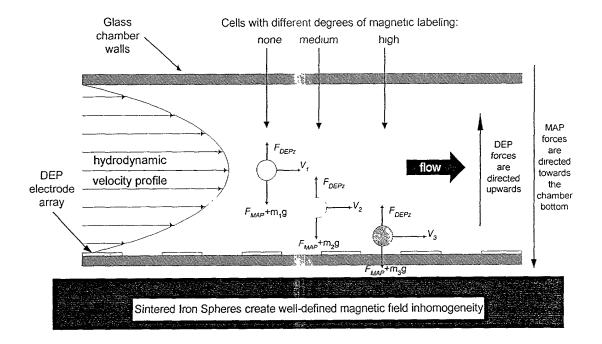


FIG. 10

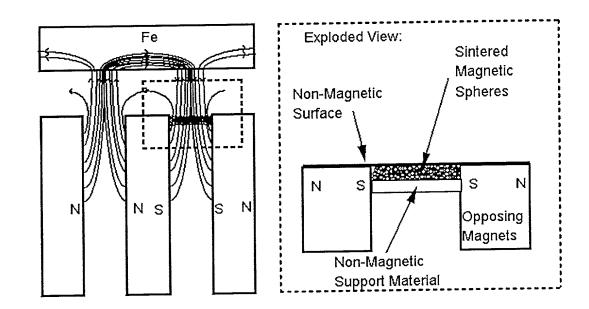


FIG. 11



